ICY BOX®
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IB-553, 554, 555 Serie: Dual Channel SATA/SAS HDD Backplane

Key features

- 3x 3.5" SATA or SAS HDD in 2x 5.25" bay
- 4x 3.5" SATA or SAS HDD in 3x 5.25" bay
- 5x 3.5" SATA or SAS HDD in 3x 5.25" bay
- 2x host connector (dual channel) for each SAS HDD
- Hard disk capacity not limited
- SATA host interface 3.0 Gbit/s
- HDD tray with key lock
- LED for power and HDD access
- Visual LED and audio alarm for fan failure & over-heat
- Access-LED signal from HDD or host selectable
- 80x80 mm cooling fan toolless removable
- Audio alarm mute switch button on the front
- Alarm temperature adjustable (45°C, 55°C, 75°C)
- Plug & play and hot swap
- Support all OS systems

For heaviest server duty

These three HDD backplanes are well-proven in extremely hard server duty. Even with highest transfer rates they run very smoothly. That's why we recommend them for the demanding duty in RAID systems.

Accordingly elaborate is the temperature control. The aluminium parts dissipate the heat. The 80-mm fan operates reliably and silently. If necessary it is easily removed or attached, no tools needed. For the case of a too high temperature there are optical and acoustic signals.

All moving parts are layed out for strongest strain. The trays and their locking mechanism are extremely fitting. They slide without resistance. The aluminium parts are electropolished.

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Technical data

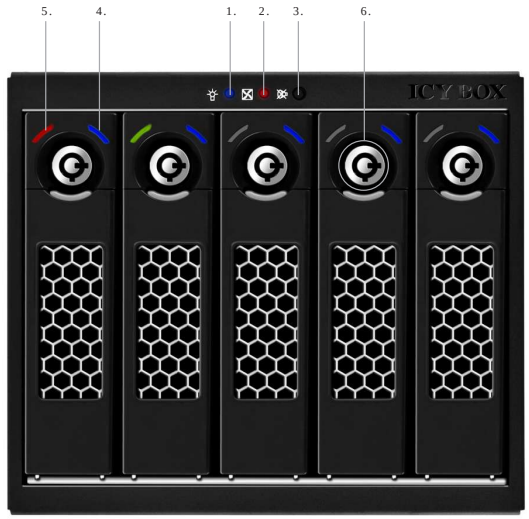
Model	IB-553SSK	IB-554SSK	IB-555SSK
Article-No.	55103	55104	55105
EAN code	4250078184393	4250078184409	4250078184416
Colour	schwarz		
HDD interface	3x SAS / SATA	3x SAS / SATA	5x SAS / SATA
Host interface	6x SATA (Dual Channel)	8x SATA (Dual Channel)	10x SATA (Dual Channel)
Place requirement	2x 5,25" bays	3x 5,25" bays	
Power connector	2x Molex 4Pin (12+5V)		
HDD capacity	No limit		
Casematerial	Aluminum		
Plug & Play	Yes		
Hot Swap	Yes		
Alarm temperature	45, 55, 75°C		
Key lock	Yes		
Fan	80 x 80 x 25mm		
Fan speed	2050rpm (25,5dBA)		

Package Contents IB-553SSK
1x IB-553SSK backplane, 8x case screw, 15x HDD screw, 2x key, 2 sets of access and HDD fail signal cable, 3x SATA cable, 1x manual

Package Contents IB-554SSK
1x IB-554SSK backplane, 8x case screw, 18x HDD screw, 2x key, 2 sets of access and HDD fail signal cable, 4x SATA cable, 1x manual

Package Contents IB-555SSK
1x IB-555SSK backplane, 8x case screw, 22x HDD screw, 2x key, 2 sets of access and HDD fail signal cable, 5x SATA cable, 1x manual

Front view IB-555SSK

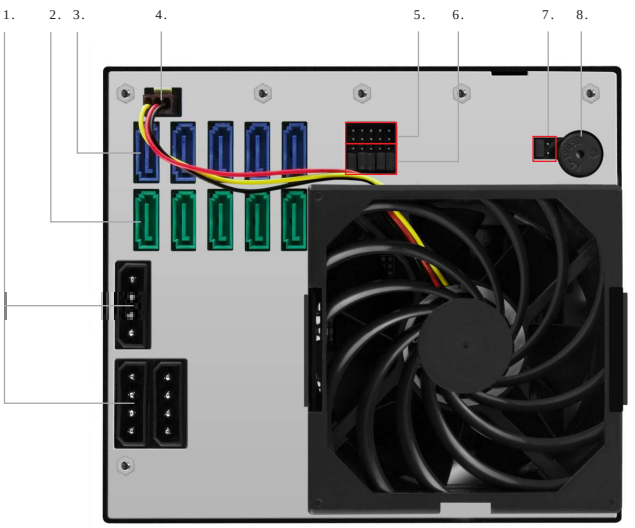


1. Front-LED-1 for Power (blue)
2. Front-LED-2 for fan failure and over heating (red)
3. Alarm mute button
4. Tray-LED-1 for HDD-presence (blue)
5. Tray-LED-2 for access (green) and HDD Failure (red)
6. Tray lock

The tray lock has no power switching function, it locks only the tray mechanically against improper operation or sliding out.

1. Lock – Turn to right
2. Open – Turn to top

Rear view IB-555SSK



1. AC-IN
2. SATA Host 1-4 primary / 1-3 primary
3. SATA Host 1-4 secondary / 1-3 secondary
4. Fan access
5. Interface for access and HDD error cable
6. HDD access pin
7. Jumper for temperature
8. Acoustic signal

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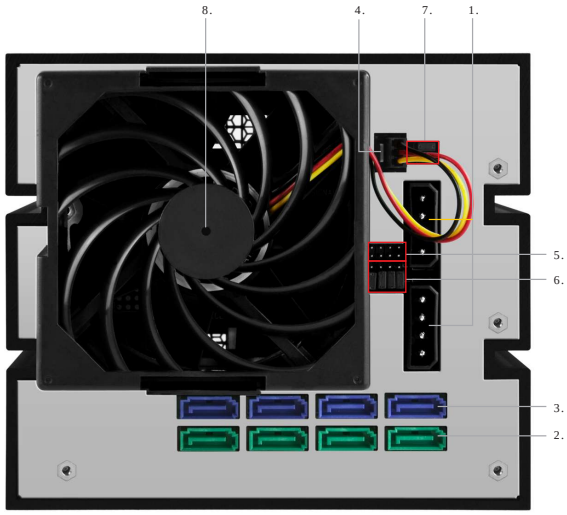
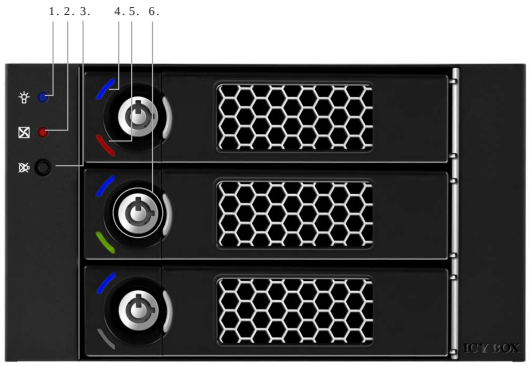
Front view IB-554SSK

Rear view IB-554SSK



Front view IB-553SSK



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Logistical data IB-553SSK

Packing unit:	8 pcs./carton	Dimension/carton:	592x422x310 mm	Import tax: 84733080
Total weight:	16.3 kg/carton	Dimension of packing box:	287x200x145 mm	
Gross weight (incl. packing):	2.04 kg	Dimension of article:	230x145x85 mm	
Net weight:	1.32 kg	Country of origin:	Taiwan	

Logistical data IB-554SSK

Packing unit:	6 pcs./carton	Dimension/carton:	575x422x305 mm	Import tax: 84733080
Total weight:	17.6 kg/carton	Dimension of packing box:	287x200x190 mm	
Gross weight (incl. packing):	2.93 kg	Dimension of article:	225x145x127 mm	
Net weight:	2.16 kg	Country of origin:	Taiwan	

Logistical data IB-555SSK

Packing unit:	6 pcs./carton	Dimension/carton:	575x422x305 mm	Import tax: 84733080
Total weight:	15 kg/carton	Dimension of packing box:	287x200x190 mm	
Gross weight (incl. packing):	2.5 kg	Dimension of article:	225x145x127 mm	
Net weight:	1.8 kg	Country of origin:	Taiwan	

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